Index to Volume 62

PHYSICAL THERAPY

Pages in PHYSICAL THERAPY are numbered consecutively from January through December. Pages in Volume 62, for the year 1982, are numbered 1 through 1928.

	Pages		Pages
January	1–152	July	957–1104
February	153–272	August	1105–1256
March	273–424	September	1257–1424
April	425–580	October	1425–1582
May	581–804	November	1583–1742
June	805–956	December	1743–1928

Subject Index

ADMINISTRATION

Physical therapy manpower planning: Projection models and scenarios of 1985. Breegle GG, King E. 62:1297–1306, 1982

AMERICAN PHYSICAL THERAPY ASSOCIATION

American Physical Therapy Association awards for 1982. 62:1628–1630, 1982
American Physical Therapy Association bylaws. 62:1493–1503, 1982
American Physical Therapy Association disciplinary action. 62:510, 1982
American Physical Therapy Association officers, committees, task forces, and section chairmen. 62:1632–1634, 1982
Membership qualifications. 62:1505, 1982
Membership statistics. 62:1631, 1982
1982 Presidential Address. Wortley DW. 62:1610–1616, 1982
Nominees for national office—1982. 62:340–346, 1982
Report of the House of Delegates session. 62:1625–1627, 1982
Seventeenth Mary McMillan Lecture: "everything is there before you discover it." Voss DE. 62:1617–1624, 1982
State board examinations. 62:503–504, 1513–1514, 1982

AMPUTATIONS

Comparison of removable rigid dressings and elastic bandages in preprosthetic management of patients with below-knee amputations. Mueller MJ. 62:1438–1441, 1982
Variation on the pylon for the below-knee amputee (Suggestion from the Field). Shelton ME, Guise EP. 62:1601–1603, 1982

ARTHRITIS

Effects of corticosteroids on articular cartilage: A review of the literature. McDonough AL. 62:835–839, 1982
Opinions and comments. 62:1481, 1982
Pathomechanics, gait deviations, and treatment of the rheumatoid foot (Clinical Report). Dimonte P, Light H. 62:1148–1156, 1982

BIOFEEDBACK

Electromyographic biofeedback to dissociate an upper extremity synergy pattern (Case Report). Honer J, Mohr T, Roth R. 62:299–303, 1982
Treatment of functional chronic stooped posture using a training device and behavior therapy (Case Report). Tiller J, Stygar MK, Hess C, Reimer L. 62:1597–1600, 1982

CEREBRAL PALSY

A manipulation-free design for single-subject cerebral palsy research. Goodisman LD. 62:284–289, 1982
Selected primitive reflexes in children with cerebral palsy: Consistency of response. Smith SL, Gossman MR, Canan BC. 62:1115–1120, 1982

CYSTIC FIBROSIS

Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis. DeCesare JA, Babchyck BM, Colten HR, Treves S. 62:820–825, 1982
Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." Tecklin JS. 62:826, 1982
Author response to Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." DeCesare JA. 62:827, 1982

Index to Volume 62

PHYSICAL THERAPY

Pages in PHYSICAL THERAPY are numbered consecutively from January through December. Pages in Volume 62, for the year 1982, are numbered 1 through 1928.

	Pages		Pages
January	1–152	July	957–1104
February	153–272	August	1105–1256
March	273–424	September	1257–1424
April	425–580	October	1425–1582
May	581–804	November	1583–1742
June	805–956	December	1743–1928

Subject Index

ADMINISTRATION

Physical therapy manpower planning: Projection models and scenarios of 1985. Breegle GG, King E. 62:1297–1306, 1982

AMERICAN PHYSICAL THERAPY ASSOCIATION

American Physical Therapy Association awards for 1982. 62:1628–1630, 1982
American Physical Therapy Association bylaws. 62:1493–1503, 1982
American Physical Therapy Association disciplinary action. 62:510, 1982
American Physical Therapy Association officers, committees, task forces, and section chairmen. 62:1632–1634, 1982
Membership qualifications. 62:1505, 1982
Membership statistics. 62:1631, 1982
1982 Presidential Address. Wortley DW. 62:1610–1616, 1982
Nominees for national office—1982. 62:340–346, 1982
Report of the House of Delegates session. 62:1625–1627, 1982
Seventeenth Mary McMillan Lecture: "everything is there before you discover it." Voss DE. 62:1617–1624, 1982
State board examinations. 62:503–504, 1513–1514, 1982

AMPUTATIONS

Comparison of removable rigid dressings and elastic bandages in preprosthetic management of patients with below-knee amputations. Mueller MJ. 62:1438–1441, 1982
Variation on the pylon for the below-knee amputee (Suggestion from the Field). Shelton ME, Guise EP. 62:1601–1603, 1982

ARTHRITIS

Effects of corticosteroids on articular cartilage: A review of the literature. McDonough AL. 62:835–839, 1982
Opinions and comments. 62:1481, 1982
Pathomechanics, gait deviations, and treatment of the rheumatoid foot (Clinical Report). Dimonte P, Light H. 62:1148–1156, 1982

BIOFEEDBACK

Electromyographic biofeedback to dissociate an upper extremity synergy pattern (Case Report). Honer J, Mohr T, Roth R. 62:299–303, 1982
Treatment of functional chronic stooped posture using a training device and behavior therapy (Case Report). Tiller J, Stygar MK, Hess C, Reimer L. 62:1597–1600, 1982

CEREBRAL PALSY

A manipulation-free design for single-subject cerebral palsy research. Goodisman LD. 62:284–289, 1982
Selected primitive reflexes in children with cerebral palsy: Consistency of response. Smith SL, Gossman MR, Canan BC. 62:1115–1120, 1982

CYSTIC FIBROSIS

Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis. DeCesare JA, Babchyck BM, Colten HR, Treves S. 62:820–825, 1982
Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." Tecklin JS. 62:826, 1982
Author response to Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." DeCesare JA. 62:827, 1982

DISCIPLINARY ACTION

American Physical Therapy Association disciplinary action. 62:510, 1982

EDUCATION

Clinical Education

Counseling function of academic coordinators of clinical education from select entry-level physical therapy educational programs. Kondela-Cebulski PM. 62:470–476, 1982

Developing a clinical education program from the clinician's perspective. Windom PA. 62:1604–1609, 1982

Evaluation of clinical education centers in physical therapy. Barr JS, Gwyer J, Talmor Z. 62:850–861, 1982

Educational Program Listings

Educational programs in physical therapy. 62:495–501, 1507–1513, 1982

Professional Education

Entry level education: Concerns about the proposed change. Caston JM. 62:40–45, 1982

Opinions and comments. 62:1025–1028, 1177, 1982

Recruitment and Admissions

Class of 1980. Scully RM, Cox RC. 62:998–1004, 1982

Commentary on "Class of 1980." Morrow JR. 62:1005–1008, 1982

Authors' response to Commentary on "Class of 1980." Scully R, Cox R. 62:1008, 1982

Factors influencing high school students' knowledge of physical therapy. Tsuda HC, Kiser BC, Shepard KF. 62:1157–1164, 1982

Follow-up of the graduates of one curriculum: 1956–1980. Morrison MA, Linder MT, Aubert EJ. 62:1307–1312, 1982

Opinions and comments. 62:1482, 1982

Physical therapy manpower planning: Projection models and scenarios of 1985. Breegle GG, King E. 62:1297–1306, 1982

ELECTROMYOGRAPHY

Effect of auditory rhythm on muscle activity. Safranek MG, Koshland GF, Raymond G. 62:161–168, 1982

Electromyographic biofeedback to dissociate an upper extremity synergy pattern (Case Report). Honer J, Mohr T, Roth R. 62:299–303, 1982

Electromyographic study of the peroneus longus muscle during bridging activities. Schunk MC. 62:970–975, 1982

Electromyography of the quadriceps femoris muscle in subjects with normal knees and acutely effused knees. Stratford P. 62:279–283, 1982

Use of electromyographic biofeedback during the acute phase of spinal cord injury (Case Report). Nacht MB, Wolf SL, Coogler CE. 62:290–294, 1982

Opinions and comments. 62:1179, 1982

This journal is dedicated to publishing advances in diagnosis and treatment of temporomandibular joint dysfunction. It amalgamates the entire medical and dental team for cooperation in the research and treatment of disorders, injuries, and pathology involving the temporomandibular joint and associated structures.

Listed are only a few of our Prestigious EDITORIAL BOARD William B. Farrar, D.D.S., Parker E. Mahan, D.D.S., Ph.D., Mariano Rocabado, R.P.T., David Simons, M.D., Donald H. Enlow, Ph.D., Ronald C. Auvenshine, D.D.S., Ph.D., Jack Hadden, D.D.S., Robert Schwartz, D.D.S., Lee W. Graber, D.D.S., Ph.D., William F. Siegle, D.D.S.

SUBSCRIPTION RATES

	U.S.A.	INTERNATIONAL
Institutional	$43.50	$49.50
Individual	$23.50	$29.50
Student	$15.50	$19.50

The Journal of CRANIO-MANDIBULAR PRACTICE

EDITOR: RILEY H. LUNN, D.D.S.
MANAGING EDITOR: ROBERT T. KIRK, D.D.S.
Published Quarterly By: CHROMA, Inc. Chattanooga, TN. USA

Please start my subscription immediately

Name _____
Address _____ City _____
State _____ Zip _____ Signature _____

THE JOURNAL OF CRANIOMANDIBULAR PRACTICE
P.O. BOX 4345 CHATTANOOGA, TENNESSEE 37405

The Preston® Hot Pack
Whiter, cleaner looking. At almost half the price, it's a better value.

Preston®
Because you're a specialist in your field, we have to be one in ours.

CALL TOLL-FREE ORDER LINE: 800-631-7277
In New Jersey call 201-777-2700.
J.A. Preston Corp., 60 Page Rd., Clifton, N.J. 07012.

GET IN SHAPE...
GET PAKATABLE™!
The lightweight, portable body treatment table.
■ Only 28 pounds light
■ Sets up in 30 seconds
■ Supports up to 300 pounds
■ Positive, self-locking legs
■ Choice of upholstery colors
■ Immediate delivery
ONLY $214
(plus applicable local and state taxes)
Call today for the name of your nearest dealer.
AMS
American Medical Sales, Inc., Dept. PT
9522 W. Jefferson Blvd., Culver City, CA 90230
213/558-0600
© 1982
Dealer Inquiries Invited

The American Back School Is Different

Learn the 6 reasons why this lifting posture fails to prevent back injury.

It is different because it teaches that the back muscles need to be used during all activities to protect the discs, ligaments and bones. It teaches that the back muscles are among the strongest in the body and when used properly these muscles seldom get injured. Also, the American Back School teaches lifting with the proper pelvic force couple professional weight lifters use and that extension exercises are beneficial in reducing daily back stress. Our 200 reference bibliography will support each of these points and more.

Our 28 page *Back Facts* patient booklet is the most informative of its kind. It utilizes precise medical illustrations and is written so the difficult subject of back pain can be easily understood by everyone.

Come join us at our exciting, fast moving seminar during which you will experience the various audio visual formats which contain the world's most beautiful medical illustrations and model photography.

Back injuries can be prevented! Our difference makes the difference. Call or write today:

T.M.

The American Back School
P.O. Box 1193
Ashland, KY 41105-1193
(606) 329-9101

ELECTROTHERAPY

Phonophoresis with hydrocortisone in the treatment of temporomandibular joint dysfunction (Case Report). Wing M. 62:32–33, 1982

ENERGY EXPENDITURE

Clinical determination of energy cost and walking velocity via stopwatch or speedometer cane and conversion graphs. Nielsen DH, Gerleman DG, Amundsen LR, Hoeper DA. 62:591–596, 1982

Energy expenditure during ambulation with Ortho crutches and axillary crutches. Hinton CA, Cullen KE. 62:813–819, 1982

EQUIPMENT

Bicycle pedal modifications for use in a physical therapy department. Handling KA. 62:997, 1982

Measurement and redistribution of excessive pressures during wheelchair sitting (Clinical Report). Peterson MJ, Adkins HV. 62:990–994, 1982

Positioning device for individuals with neuromuscular disabilities (Suggestion from the Field). Roberts DW. 62:33–34, 1982

The DESEMO Customized Seating Support—Custom-molded seating for severely disabled persons (Clinical Report). Moore S, Bergman JS, Edwards G, Cowsar D, Echols SD, Forbes J. 62:460–463, 1982

GAIT

Clinical determination of energy cost and walking velocity via stopwatch or speedometer cane and conversion graphs. Nielsen DH, Gerleman DG, Amundsen LR, Hoeper DA. 62:591–596, 1982

Effect of tone-inhibiting casts and orthoses on gait. (Case Report). Zachazewski JE, Eberle ED, Jefferies M. 62:453–455, 1982

Pathomechanics, gait deviations, and treatment of the rheumatoid foot (Clinical Report). Dimonte P, Light H. 62:1148–1156, 1982

Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait. Wolf SL, Binder-Macleod SA. 62:976–982, 1982

Commentary on "Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait." Perry J. 62:983, 1982

Authors' response to Commentary on "Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait." Wolf SL, Binder-Macleod SA. 62:984, 1982

Using an isokinetic exercise machine to improve the gait pattern in a hemiplegic patient (Case Report). Wilder PA, Sykes J. 62:1291–1295, 1982

HEMIPLEGIA

Using an isokinetic exercise machine to improve the gait pattern in a hemiplegic patient (Case Report). Wilder PA, Sykes J. 62:1291–1295, 1982

IONTOPHORESIS

Use of iontophoresis in Peyronie's disease (Case Report). Kahn J. 62:995–996, 1982

KINESIOLOGY

Opinions and comments. 62:350, 1982

MUSCLE

A review of length-associated changes in muscle: Experimental evidence and clinical implications. Gossman M, Sahrmann SA, Rose SJ. 62:1798–1807, 1982
Effect of auditory rhythm on muscle activity. Safranek MG, Koshland GF, Raymond G. 62:161–168, 1982
Electromyographic study of the peroneus longus muscle during bridging activities. Schunk MC. 62:970–975, 1982
Electromyography of the quadriceps femoris muscle in subjects with normal knees and acutely effused knees. Stratford P. 62:279–283, 1982
Factors contributing to the regulation and clinical assessment of muscular strength. Smidt GL, Rogers MW. 62:1283–1290, 1982
Muscle biology and physical therapy: An historical approach. Rose SJ, Rothstein JM. 62:1754–1756, 1982
Muscle biology: Clinical considerations. Rothstein JM. 62:1822–1829, 1982
Muscle mutability: Part 1. General concepts and adaptations to altered patterns of use. Rose SJ, Rothstein JM. 62:1773–1786, 1982
Muscle mutability: Part 2. Adaptation to drugs, metabolic factors, and aging. Rothstein JM, Rose SJ. 62:1787–1797, 1982
Pathology of muscle and motor units. Wheeler SD. 62:1808–1821, 1982
Preface: Muscle biology series. Rose SJ, Brooke MH. 62:1752, 1982
Skeletal muscle: A review of its development in vivo and in vitro. Spielholz NI. 62:1757–1762, 1982
The motor unit: Anatomy and physiology. English AW, Wolf SL. 62:1763–1772, 1982

MUSCULAR DYSTROPHY

Quadriceps femoris muscle assist orthosis in Duchenne muscular dystrophy. Siegel IM, Silverman O, Silverman M. 62:1296, 1982

NERVE CONDUCTION

Common peroneal nerve palsy following inversion ankle injury: A report of two cases. Stoff MD, Greene AF. 62:1463–1464, 1982

NERVOUS SYSTEM

Clinical correlates of neural plasticity. Craik RL. 62:1452–1462, 1982
Effects of vestibular stimulation in seizure-prone children: An EEG study. Kantner RM, Clark DL, Atkinson J, Paulson G. 62:16–21, 1982
Introduction to special series. Bishop B. 62:1121, 1982
Joint receptor contributions to reflexive and kinesthetic responses. Newton RA. 62:22–29, 1982
Neural Plasticity: Part 1. Plasticity in the developing nervous system: Prenatal maturation. Bishop B. 62:1122–1131, 1982
Neural Plasticity: Part 2. Postnatal maturation and function-induced plasticity. Bishop B. 62:1132–1143, 1982
Neural Plasticity: Part 3. Responses to lesions in the peripheral nervous system. Bishop B. 62:1275–1282, 1982
Neural plasticity: Part 4. Lesion-induced reorganization of the CNS: Recovery phenomena. Bishop B. 62:1442–1451, 1982
Opinions and comments. 62:873, 1982

ORTHOPEDICS

Ankle and Foot Involvement

Evaluation and treatment of soft tissue lesions of the ankle and forefoot using the Cyriax approach (Case Report). Woodman RM, Pare L. 62:1144–1147, 1982

Knee Involvement

Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. Campbell DE, Glenn W. 62:10–15, 1982
Opinions and Comments. 62:1028–1029, 1982

Neck and Back Involvement

Liquid crystal thermography: A new tool for evaluating low back pain. Rubal BJ, Traycoff RB, Ewing KL. 62:1593–1596, 1982
Reliability in evaluating passive intervertebral motion. Gonnella C, Paris SV, Kutner M. 62:436–444, 1982
Reliability of measuring trunk motions in centimeters. Frost M, Stuckey S, Smalley LA, Dorman G. 62:1431–1437, 1982

ORTHOTICS

Effect of tone-inhibiting casts and orthoses on gait. (Case Report). Zachazewski JE, Eberle ED, Jefferies M. 62:453–455, 1982
Quadriceps femoris muscle assist orthosis in Duchenne muscular dystrophy. Siegel IM, Silverman O, Silverman M. 62:1296, 1982

PAIN

Liquid crystal thermography: A new tool for evaluating low back pain. Rubal BJ, Traycoff RB, Ewing KL. 62:1593–1596, 1982
Response of patients with chronic pain to exercise quotas. Doleys DM, Crocker M, Patton D. 62:1111–1114, 1982

PEDIATRICS

Assessment of the reliability of *Pediatric Screening: A Tool for Occupational or Physical Therapists*. Atwater SW, McEwen IR, McMillan J. 62:1265–1268, 1982
Developing goals and objectives for handicapped children. O'Neil DL, Harris SR. 62:295–298, 1982

Effects of vestibular stimulation in seizure-prone children: An EEG study. Kantner RM, Clark DL, Atkinson J, Paulson G. 62:16–21, 1982
Integration of the plantar grasp reflex as an indicator of ambulation potential in developmentally disabled infants. Effgen SK. 62:433–435, 1982
Opinions and comments. 62:1177–1178, 1982

PHYSICAL THERAPY

Application of the locality rule and implications for malpractice actions against physical therapists. Fantaci ES. 62:604–608, 1982
Attitudes of consumers of physical therapy in California toward the professional image of physical therapists. Luna-Massey P, Smyle L. 62:309–314, 1982
Attitudes of physical therapists in Wisconsin toward disabled persons. Speakman HGB, Kung JS. 62:191–194, 1982
Factors related to job turnover in physical therapy. Harkson DG, Unterreiner AS, Shepard KF. 62:1465–1470, 1982
Identification of physical therapist shortage areas: A study of thirteen states. Wilson SD, Langwell KM, Deane RT, Chui KF, Black RA. 62:315–323, 1982
Justice in the distribution of health care resources: The position of physical therapists in the United States and Sweden. Purtilo RB. 62:46–50, 1982
Opinions and comments. 62:873–874, 1982

PSYCHOLOGY

Ptophobia: Phobic fear of falling and its clinical management (Clinical Report). Bhala RP, O'Donnell J, Thoppil E. 62:187–190, 1982

PUBLICATIONS AND AUDIOVISUAL MATERIALS

Publications and audiovisual materials. 62:210–214, 508–510, 1032–1034, 1346–1352, 1651–1654, 1982

PULMONARY

Improved cardiopulmonary status after a two-month program of graded arm exercise in a patient with C6 quadriplegia (Case Report). DiCarlo SE. 62:456–459, 1982
Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis. DeCesare JA, Babchyck BM, Colten HR, Treves S. 62:820–825, 1982
Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." Tecklin JS. 62:826, 1982
Author's response to Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." DeCesare JA. 62:827, 1982

QUALITY ASSURANCE

Competencies in physical therapy: A resource for written self-assessment and clinical performance evaluation and a component of a department's quality assurance program. Ellingham CT, Fleischaker K. 62:845–849, 1982
Development of a quality assurance program as an integral part of the physical therapy system. Morgenstein S, Simpkins S, Maring J. 62:464–469, 1982

REHABILITATION

Evaluation and treatment of soft tissue lesions of the ankle and forefoot using the Cyriax approach (Case Report). Woodman RM, Pare L. 62:1144–1147, 1982
Management of patients with chronic renal failure: Role of physical therapy. Gray PJ. 62:173–176, 1982
Treatment of functional chronic stooped posture using a training device and behavior therapy (Case Report). Tiller J, Stygar MK, Hess C, Reimer L. 62:1597–1600, 1982

RESEARCH

A manipulation-free design for single-subject cerebral palsy research. Goodisman LD. 62:284–289, 1982
Analysis of therapeutic techniques through use of the standard behavior chart: Implications for physical therapy. Carr BS, Williams M. 62:177–183, 1982
Evaluation and research in physical therapy. Michels E. 62:828–834, 1982
Interpreting results of single-subject research designs. Wolery M, Harris SR. 62:445–452, 1982
Making clinical research a reality. Vraciu JK, Darnell RE. 62:35–39, 1982
Opinions and comments. 62:1481, 1982

SELF-ASSESSMENT QUIZ

Self-assessment quiz. 62:82, 205, 484, 871, 1020, 1183–1186, 1331–1332, 1485, 1845, 1982

SPINAL CORD DYSFUNCTIONS

Autonomic hyperreflexia following passive stretching to the hip joint (Case Report). McGarry J, Woolsey RM, Thompson CW. 62:30–31, 1982
Measurement and redistribution of excessive pressures during wheelchair sitting (Clinical Report). Peterson MJ, Adkins HV. 62:990–994, 1982
Opinions and comments. 62:1179, 1982
Use of electromyographic biofeedback during the acute phase of spinal cord injury (Case Report). Nacht MB, Wolf SL, Coogler CE. 62:290–294, 1982

SPORTS PHYSICAL THERAPY

Delineating the roles of the sports physical therapist and the athletic trainer: Five views (Perspectives). 62:1317–1329, 1982

STATE BOARD EXAMINATIONS

State board examinations. 62:503–504, 1513–1514, 1982

TESTS AND MEASUREMENTS

Analysis of therapeutic techniques through use of the standard behavior chart: Implications for physical therapy. Carr BS, Williams M. 62:177–183, 1982
Application of orthopedic principles in evaluation of the temporomandibular joint. Friedman MH, Weisberg J. 62:597–603, 1982
Assessment of the reliability of *Pediatric Screening: A Tool for Occupational or Physical Therapists*, Atwater SW, McEwen IR, McMillan J. 62:1265–1268, 1982
Cinematographic analysis of the passive straight-leg-raising test for hamstring muscle length. Bohannon RW. 62:1269–1274, 1982
Comparison of isokinetic measurements with test repetitions. Mawdsley RH, Knapik JJ. 62:169–172, 1982
Factors contributing to the regulation and clinical assessment of muscular strength. Smidt GL, Rogers MW. 62:1283–1290, 1982
Reliability in evaluating passive intervertebral motion. Gonnella C, Paris SV, Kutner M. 62:436–444, 1982
Two-point discrimination assessment in the upper limb in young adult men and women. Nolan MF. 62:965–969, 1982

THERAPEUTIC EXERCISE

Age-related differences in isometric and dynamic strength and endurance. Johnson T. 62:985–989, 1982
Feasibility of horseback riding as a therapeutic and integrative program for handicapped children (Clinical Report). Wingate L. 62:184–186, 1982
Response of patients with chronic pain to exercise quotas. Doleys DM, Crocker M, Patton D. 62:1111–1114, 1982

THESES AND DISSERTATIONS

Abstracts of theses and dissertations. 62:218, 352–354, 505–506, 726–728, 880–885, 1038–1042, 1190–1201, 1982
Titles of theses and dissertations. 62:87–92, 1982

TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION

Transcutaneous electrical nerve stimulation for nonunited fractures (Clinical Report). Kahn J. 62:840–844, 1982

ULCERS

Opinions and comments. 62:349, 874, 1982
Whirlpool versus whirlpool and rinse for removal of bacteria from a venous stasis ulcer. Bohannon RW. 62:304–308, 1982

Author Index

A

ADKINS HV: See Peterson MJ
AMUNDSEN LR: See Nielsen DH
ATKINSON J: See Kantner RM
ATWATER SW, McEwen IR, McMillan J: Assessment of the reliability of *Pediatric Screening: A Tool for Occupational or Physical Therapists*. 62:1265–1268, 1982
AUBER EJ: See Morrison MA

B

BABCHYCK BM: See DeCesare JA
BARR JS, Gwyer J, Talmor Z: Evaluation of clinical education centers in physical therapy. 62:850–861, 1982
BERGMAN JS: See Moore S
BHALA RP, O'Donnell J, Thoppil E: Ptophobia: Phobic fear of falling and its clinical management. 62:187–190, 1982
BINDER-MACLEOD SA: See Wolf SL
BISHOP B: Introduction to special series. 62:1121
BISHOP B: Neural Plasticity: Part 1. Plasticity in the developing nervous system: Prenatal maturation. 62:1122–1131, 1982
BISHOP B: Neural plasticity: Part 2. Postnatal maturation and function-induced plasticity. 62:1132–1143, 1982
BISHOP B: Neural plasticity: Part 3. Responses to lesions in the peripheral nervous system. 62:1275–1282, 1982
BISHOP B: Neural plasticity: Part 4. Lesion-induced reorganization of the CNS: Recovery phenomena. 62:1442–1451, 1982
BLACK RA: See Wilson SD
BOHANNON RW: Whirlpool versus whirlpool and rinse for removal of bacteria from a venous stasis ulcer. 62:304–308, 1982
BOHANNON RW: Cinematographic analysis of the passive straight-leg-raising test for hamstring muscle length. 62:1269–1274, 1982
BREEGLE GC, King E: Physical therapy manpower planning: Projection models and scenarios of 1985. 62:1297–1306, 1982
BROOKE MH: See Rose SJ

C

CAMPBELL DE, Glenn W: Rehabilitation of knee flexor and knee extensor muscle strength in patients with meniscectomies, ligamentous repairs, and chondromalacia. 62:10–15, 1982
CANAN BC: See Smith SL
CARR BS, Williams M: Analysis of therapeutic techniques through use of the standard behavior chart: Implications for physical therapy. 62:177–183, 1982
CASTON JM: Entry level education: Concerns about the proposed change. 62:40–45, 1982
CHUI KF: See Wilson SD
CLARK DL: See Kantner RM
COLTEN HR: See DeCesare JA
COOGLER CE: See Nacht MB
COWSAR D: See Moore S
COX RC: See Scully RM
CRAIK RL: Clinical correlates of neural plasticity. 62:1452–1462, 1982
CROCKER M: See Doleys DM
CULLEN KE: See Hinton CA

D

DARNELL RE: See Vraciu JK
DEANE RT: See Wilson SD
DeCESARE JA, Babchyck BM, Colten HR, Treves S: Radionuclide assessment of the effects of chest phys-

ical therapy on ventilation in cystic fibrosis. 62: 820–825, 1982
DeCESARE JA: Author response to Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." 62:827, 1982
DiCARLO SE: Improved cardiopulmonary status after a two-month program of graded arm exercise in a patient with C6 quadriplegia (Case Report). 62:456–459, 1982
DIMONTE P, Light H: Pathomechanics, gait deviations, and treatment of the rheumatoid foot (Clinical Report). 62:1148–1156, 1982
DOLEYS DM, Crocker M, Patton D: Response of patients with chronic pain to exercise quotas. 62:1111–1114, 1982
DONLEY PB: Delineating the roles of the sports physical therapist and the athletic trainer (Perspectives). 62:1317–1318, 1982
DORMAN G: See Frost M

E

EBERLE ED: See Zachazewski JE
ECHOLS SD: See Moore S
EDWARDS G: See Moore S
EFFGEN SK: Integration of the plantar grasp reflex as an indicator of ambulation potential in developmentally disabled infants. 62:433–435, 1982
ELLINGHAM CT, Fleischaker K: Competencies in physical therapy: A resource for written self-assessment and clinical performance evaluation and a component of a department's quality assurance program.
ENGLISH AW, Wolf SL: The motor unit: Anatomy and physiology. 62:1763–1772, 1982
EWING KL: See Rubal BJ

F

FANTACI ES: Application of the locality rule and implications for malpractice actions against physical therapists. 62:604–608, 1982
FLEISCHAKER K: See Ellingham CT
FORBES J: See Moore S
FRIEDMAN MH, Weisberg J: Application of orthopedic principles in evaluation of the temporomandibular joint. 62:597–603, 1982
FROST M, Stuckey S, Smalley LA, Dorman G: Reliability of measuring trunk motions in centimeters. 62: 1431–1437, 1982

G

GEORGE F: Delineating the roles of the sports physical therapist and the athletic trainer (Perspectives). 62:1318–1320, 1982
GERLEMAN G: See Nielsen DH
GIECK J: Delineating the roles of the sports physical therapist and the athletic trainer (Perspectives). 62:1321–1324, 1982
GLENN W: See Campbell DE
GONNELLA C, Paris SV, Kutner M: Reliability in evaluating passive intervertebral motion. 62:436–444, 1982
GOODISMAN LD: A manipulation-free design for single-subject cerebral palsy research. 62:284–289, 1982
GOSSMAN M, Sahrmann SA, Rose SJ: A review of length-associated changes in muscle: Experimental evidence and clinical implications. 62:1798–1807, 1982
GOSSMAN MR: See Smith SL
GRAY PJ: Management of patients with chronic renal failure: Role of physical therapy. 62:173–176, 1982
GREENE AF: See Stoff MD
GUISE EP: See Shelton ME
GWYER J: See Barr JS

Therapists & Patients Choose Plastic-Coated Dumbbells. Smart!

Plastic-coated dumbbells are as sensible as they are good looking. Durable plastic coating is softer and warmer to the touch, easier for your patients to grasp and hold, quieter if accidentally dropped. Since there is no flaking paint or rust, weights can safely be used in the pool. Wide range of weights from 1 to 10 lbs. in 1-lb. increments plus 15, 20 and 25 lbs.

LIMITED TIME SPECIAL OFFER STARTER SET
Includes two dumbbells, each 1-10 lbs.
Regularly $186.00—NOW UNTIL 1/15/83 $160.00

CLEO Living Aids
CLEVELAND, OHIO

CLEO Living Aids
3957 Mayfield Road, Cleveland, Ohio 44121
Call toll-free: 800-321-0595
In Ohio call collect (216) 382-9700

H

HANDLING KA: Bicycle pedal modification for use in a physical therapy department. 62:997, 1982
HARKSON DG, Unterreiner AS, Shepard KF: Factors related to job turnover in physical therapy. 62: 1465–1470, 1982
HARRIS SR: See O'Neil DL
HARRIS SR: See Wolery M
HESS C: See Tiller J
HINTON CA, Cullen KE: Energy expenditure during ambulation with Ortho crutches and axillary crutches. 62:813–819, 1982
HOEPER DA: See Nielsen DH
HONER J, Mohr T, Roth R: Electromyographic biofeedback to dissociate an upper extremity synergy pattern (Case Report). 62:299–303, 1982

J

JEFFERIES M: See Zachazewski JE
JOHNSON T: Age-related differences in isometric and dynamic strength and endurance. 62:985–989, 1982

K

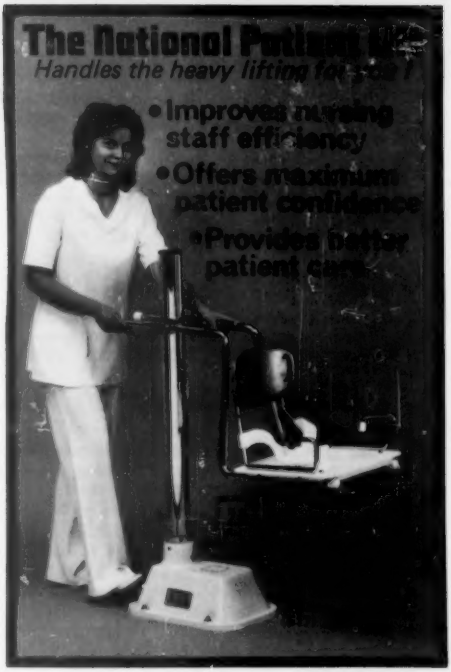
KAHN J: Transcutaneous electrical nerve stimulation for nonunited fractures (Clinical Report). 62:840–844, 1982
KAHN J: Use of iontophoresis in Peyronie's disease. 62:995–996, 1982
KANTNER RM, Clark DL, Atkinson J, Paulson G: Effects of vestibular stimulation in seizure-prone children: An EEG Study. 62:16–21, 1982
KING E: See Breegle GC
KISER BC: See Tsuda HC
KNAPIK JJ: See Mawdsley H
KONDELA-CEBULSKI PM: Counseling function of academic coordinators of clinical education from select entry-level physical therapy educational programs. 62:470–476, 1982
KOSHLAND GF: See Safranek MG
KUNG JS: See Speakman HGB
KUTNER M: See Gonnella C

L

LANGWELL KM: See Wilson SD
LIGHT H: See Dimonte P
LINDER MT: See Morrison MA
LUNA-MASSEY P, Smyle L: Attitudes of consumers of physical therapy in California toward the professional image of physical therapists. 62:309–314, 1982

M

MARING J: See Morgenstein S
MAWDSLEY H, Knapik JJ: Comparison of isokinetic measurements with test repetitions. 62:169–172, 1982
McDONOUGH AL: Effects of corticosteroids on articular cartilage: A review of the literature. 62:835–839, 1982
McEWEN IR: See Atwater SW
McGARRY J, Woolsey RM, Thompson CW: Autonomic hyperreflexia following passive stretching to the hip joint (Case Report). 62:30–31, 1982
McMILLAN J: See Atwater SW


The National Patient
Handles the heavy lifting for you!
•Improves nursing staff efficiency
•Offers maximum patient confidence
•Provides better patient care

A Good
MUSCLE STIMULATOR...

Doesn't Have To Cost "An Arm & A Leg"

EMS-1 (Galvanic Only) EMS-2 (Galvanic & Faradic)

- Convenient one hand operation
- Effective galvanic & faradic current
- Safe and comfortable
- Battery powered
- Low cost

Available at your local medical supplier or from
MED LABS
7036 Madera Dr.
Goleta, California 93117
(805) 968-2486

*Free 30 day evaluation for M.D.S. & R.P.T.S., contact MED LABS.

MICHELS E: Evaluation and research in physical therapy. 62:828–834, 1982
MOHR T: See Honer J
MOORE S, Bergman JS, Edwards G, Cowsar D, Echols SD, Forbes J: The DESEMO Customized Seating Support—Custom-molded seating for severely disabled persons (Clinical Report). 62:460–463, 1982
MORGENSTEIN S, Simpkins S, Maring J: Development of a quality assurance program as an integral part of the physical therapy system. 62:464–469, 1982
MORRISON MA, Linder MT, Auber EJ: Follow-up of the graduates of one curriculum: 1956–1980. 62: 1307–1312, 1982
MORROW JR: Commentary on "Class of 1980." 62:1005–1008, 1982
MUELLER MJ: Comparison of removable rigid dressings and elastic bandages in preprosthetic management of patients with below-knee amputations. 62:1438–1441, 1982

N

NACHT MB, Wolf SL, Coogler CE: Use of electromyographic biofeedback during the acute phase of spinal cord injury (Case Report). 62:290–294, 1982
NEWTON RA: Joint receptor contributions to reflexive and kinesthetic responses. 62:22–29, 1982
NIELSEN DH, Gerleman G, Amundsen LR, Hoeper DA: Clinical determination of energy cost and walking velocity via stopwatch or speedometer cane and conversion graphs. 62:591–596, 1982
NOLAN MF: Two-point discrimination assessment in the upper limb in young adult men and women. 62: 965–969, 1982

O

O'DONNELL J: See Bhala RP
O'NEIL DL, Harris SR: Developing goals and objectives for handicapped children. 62:295–298, 1982
OSBORNE K: Delineating the roles of the sports physical therapist and the athletic trainer (Perspectives). 62:1324–1329, 1982

P

PARE L: See Woodman RM
PARIS SV: See Gonnella C
PATTON D: See Doleys DM
PAULSON G: See Kantner RM
PERRY J: Commentary on "Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait." 62:983, 1982
PETERSON MJ, Adkins HV: Measurement and redistribution of excessive pressures during wheelchair sitting (Clinical Report). 62:990–994, 1982
PEYTON RE: Delineating the roles of the sports physical therapist and the athletic trainer (Perspectives). 62:1320–1321, 1982
PURTILO RB: Justice in the distribution of health care resources: The position of physical therapists in the United States and Sweden. 62:46–50, 1982

R

RAYMOND G: See Safranek MG
REIMER L: See Tiller J
ROBERTS DW: Positioning device for individuals with neuromuscular disabilities (Suggestion from the Field). 62:33–34, 1982
ROGERS MW: See Smidt GL
ROSE SJ, Brooke MH: Preface: Muscle biology series. 62:1752, 1982
ROSE SJ, Rothstein JM: Muscle biology and physical therapy: An historical approach. 62:1754–1756, 1982
ROSE SJ, Rothstein JM: Muscle mutability: Part 1. General concepts and adaptations to altered patterns of use. 62:1773–1786, 1982
ROSE SJ: See Gossman M
ROSE SJ: See Rothstein JM
ROTH R: See Honer J
ROTHSTEIN JM: Muscle biology: Clinical considerations. 62:1822–1829, 1982
ROTHSTEIN JM, Rose SJ: Muscle mutability: Part 2. Adaptation to drugs, metabolic factors, and aging. 62:1787–1797, 1982
ROTHSTEIN JM: See Rose SJ
RUBAL BJ, Traycoff RB, Ewing KL: Liquid crystal thermography: A new tool for evaluating low back pain. 62:1593–1596, 1982

S

SAFRANEK MG, Koshland GF, Raymond G: Effects of auditory rhythm on muscle activity. 62:161–168, 1982
SAHRMANN SA: See Gossman M
SCHUNK MC: Electromyographic study of the peroneus longus muscle during bridging activities. 62:970–975, 1982
SCULLY RM, Cox RC: Class of 1980. 62:998–1004, 1982
SCULLY RM, Cox RC: Authors' response to Commentary on "Class of 1980." 62:1008, 1982
SHELTON ME, Guise EP: Variation on the pylon for the below-knee amputee (Suggestion from the Field). 62:1601–1603, 1982
SHEPARD KF: See Harkson DG
SHEPARD KF: See Tsuda HC
SIEGEL IM, Silverman O, Silverman M: Quadriceps femoris muscle assist orthosis in Duchenne muscular dystrophy. 62:1296, 1982
SILVERMAN M: See Siegel IM
SILVERMAN O: See Siegel IM
SIMPKINS S: See Morgenstein S
SMALLEY LA: See Frost M
SMIDT GL, Rogers MW: Factors contributing to the regulation and clinical assessment of muscular strength. 62:1283–1290, 1982
SMITH SL, Gossman MR, Canan BC: Selected primitive reflexes in children with cerebral palsy: Consistency of response. 62:1115–1120, 1982
SMYLE L: See Luna-Massey P
SPEAKMAN HGB, Kung JS: Attitudes of physical therapists in Wisconsin toward disabled persons. 62: 191–194, 1982
SPIELHOLZ NI: Skeletal muscle: A review of its development in vivo and in vitro. 62:1757–1762, 1982
STOFF MD, Greene AF: Common peroneal nerve palsy following inversion ankle injury: A report of two cases. 62:1463–1464, 1982
STRATFORD P: Electromyography of the quadriceps femoris muscle in subjects with normal knees and acutely effused knees. 62:279–283, 1982
STUCKEY S: See Frost M
STYGAR MK: See Tiller J
SYKES J: See Wilder PA

T

TALMOR Z: See Barr JS

TECKLIN JS: Commentary on "Radionuclide assessment of the effects of chest physical therapy on ventilation in cystic fibrosis." 62:826, 1982
THOMPSON CW: See McGarry J
THOPPIL E: See Bhala RP
TILLER J, Stygar MK, Hess C, Reimer L: Treatment of functional chronic stooped posture using a training device and behavior therapy (Case Report). 62: 1597–1600, 1982
TRAYCOFF RB: See Rubal BJ
TREVES S: See DeCesare JA
TSUDA HC, Kiser BC, Shepard KF: Factors influencing high school students' knowledge of physical therapy. 62:1157–1164, 1982

U

UNTERREINER AS: See Harkson DG

V

VOSS DE: Seventeenth Mary McMillan Lecture: "everything is there before you discover it." 62:1617–1624, 1982
VRACIU JK, Darnell RE: Making clinical research a reality. 62:35–39, 1982

W

WEISBERG J: See Friedman MH
WHEELER SD: Pathology of muscle and motor units. 62:1808–1821, 1982
WILDER PA, Sykes J: Using an isokinetic exercise machine to improve the gait pattern in a hemiplegic patient (Case Report). 62:1291–1295, 1982
WILLIAMS M: See Carr BS
WILSON SD, Langwell KM, Deane RT, Chui KF, Black RA: Identification of physical therapist shortage areas: A study of thirteen states. 62:315–323, 1982
WINDOM PA: Developing a clinical education program from the clinician's perspective. 62:1604–1609, 1982
WING M: Phonophoresis with hydrocortisone in the treatment of temporomandibular joint dysfunction (Case Report). 62:32–33, 1982
WINGATE L: Feasibility of horseback riding as a therapeutic and integrative program for handicapped children (Clinical Report). 62:184–186, 1982
WOLERY M, Harris SR: Interpreting results of single-subject research designs. 62:445–451, 1982
WOLF SL, Binder-Macleod SA: Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait. 62:976–982, 1982
WOLF SL, Binder-Macleod SA: Authors' response to Commentary on "Use of the Krusen Limb Load Monitor to quantify temporal and loading measurements of gait." 62:984, 1982
WOLF SL: See English AW
WOLF SL: See Nacht MB
WOODMAN RM, Pare L: Evaluation and treatment of soft tissue lesions of the ankle and forefoot using the Cyriax approach (Case Report). 62:1144–1147, 1982
WOOLSEY RM: See McGarry J
WORTLEY DW: 1982 Presidential Address. 62: 1610–1616, 1982

Z

ZACHAZEWSKI JE, Eberle ED, Jefferies M: Effect of tone-inhibiting casts and orthoses on gait (Case Report). 62:453–455, 1982

BIOTRONICS, INC.
1819 CARONDELET, KANSAS CITY, MO 64114
America's innovative biofeedback distributor featuring Cyborg and other lines.
Complete accessories and supplies
Call about our exclusive
$1.00/day EMG rental program
800-325-8367
In MO (314) 941-0221
TENS ... BIOFEEDBACK ... MUSCLE STIM
catalog available upon request

A New Concept In Cervical Traction

•Simple structure •Fits on table or mattress
Crest Cervical Traction Unit
Send For Brochure Or Call (714) 232-2235
CENTRAL EQUIPMENT SALES
Room 709-PT, Bank of America Building
625 Broadway San Diego CA 92101

ADVICE TO AUTHORS
An Anthology 1982

A collection of recent articles on writing: how to convert a thesis for dissertation into a manuscript; how to prepare a manuscript for submission; how to write case reports, book reviews, and abstracts.

Contains helpful articles on how to take and make effective pictures, tables, and figures. Includes the informative series "Writing Tips," and "Research Writing Tips" as well as a section on writing references. If you want to be published, or if you just want to know how to write in a clear, concise, organized manner, this collection is for you. Send orders, prepaid, to APTA, 1156 15th St NW, Washington, DC 20005.

$5.00 each. Bulk orders of 25+, $4.00 each.